

In re Application of LUCOVSKY et al.
Serial No. 10/021,316

Listing of the Claims:

- 1-3 (cancelled)
4. (original) In a computer network, a method comprising,
receiving a request to retrieve contacts data, the request including
associated identity information;
reading from a data store to obtain contacts data based on the associated
identity information;
constructing a contacts document including at least part of the data, the
document arranged according to a defined schema for contacts data; and
returning the document in response to the request.
5. (original) The method of claim 4 wherein the schema includes at
least one defined field for extending the schema.
6. (new) The method of claim 5 wherein the at least one defined field
comprises data corresponding to a contacts display name.
7. (new) The method of claim 5 wherein the at least one defined field
comprises data corresponding to a contacts protocol.

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8. (new) The method of claim 5 wherein the at least one defined field comprises data corresponding to a phone number.

9. (new) The method of claim 5 wherein the at least one defined field comprises data corresponding to an email address.

10. (new) The method of claim 5 wherein the at least one defined field comprises data corresponding to a mailing address.

11. (new) The method of claim 5 wherein the at least one defined field comprises data corresponding to a title.

12. (new) The method of claim 5 wherein the at least one defined field comprises data corresponding to a second phone number.

13. (new) The method of claim 5 wherein the at least one defined field comprises data corresponding to second email address.

14. (new) A computer-readable medium having computer-executable instructions for:

receiving a request to retrieve contacts data, the request including associated identity information;

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reading from a data store to obtain contacts data based on the associated identity information;

constructing a contacts document including at least part of the data, the document arranged according to a defined schema for contacts data; and
returning the document in response to the request.

15. (new) The computer-readable medium of claim 14 wherein the schema comprises at least one defined field for extending the schema.

16. (new) In a computer network, a method comprising:

accessing a network using a device, the accessing including providing associated identity information corresponding to the device;

requesting contacts data from a service accessible via the network, the request based on the associated identity information;

determining if the request is an allowable request based on the associated identity information; and

if the request is allowable, returning a document to the device having at least part of the requested contacts data, the document arranged according to a schema associated with the service.

17. (new) The method of claim 16 wherein the document comprises a contacts document.

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18. (new) The method of claim 16 wherein the service comprises a contacts service.

19. (new) The method of claim 16 wherein the schema comprises a contacts schema.

20. (new) The method of claim 16, further comprising manipulating the contacts data requested if the request is determined to be an allowable request.

21. (new) The method of claim 20 wherein the manipulating comprises a query manipulation.

22. (new) The method of claim 20 wherein the manipulating comprises an insert manipulation.

23. (new) The method of claim 20 wherein the manipulating comprises a delete manipulation.

24. (new) The method of claim 20 wherein the manipulating comprises an update manipulation.

25. (new) The method of claim 20 wherein the manipulating comprises a replace manipulation.

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26. (new) The method of claim 20 wherein the manipulating comprises a send message manipulation.

27. (new) The method of claim 20 wherein the manipulating comprises a save message manipulation.

28. (new) The method of claim 20 wherein the manipulating comprises a copy message manipulation.

29. (new) A computer-readable medium having computer-executable instructions for:

requesting contacts data from a service accessible via a network, the request based on associated identity information;

determining if the request is an allowable request based on the associated identity information; and

if the request is allowable, constructing a document in response to the request, the document having at least part of the requested contacts data and arranged according to a schema associated with the service.

30. (new) The computer-readable medium of claim 29 having further computer-executable instructions for sending the constructed document to a source of the request.

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31. (new) The computer-readable medium of claim 29 having further computer-executable instructions for determining if the request is an allowable request based on the associated identity information.

32. (new) The computer-readable medium of claim 29 having further computer-executable instructions for manipulating data stored in a data store based on the request for data.

33. (new) The computer-readable medium of claim 29 having further computer-executable instructions for denying the request for data based on the associated identity information.

34. (new) The computer-readable medium of claim 29 having further computer-executable instructions for constructing the document in an extensible markup language.

35. (new) In a computer network, a method comprising,
receiving a request to manipulate contacts data in a logical contacts document, the request including associated identity information;
determining a scope of access rights based on the identity information, the scope determined according to a contacts schema having contacts-related fields arranged into a content document with defined structures for the fields; and

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if the request is within the scope, manipulating at least one set of data in the logical contacts document that includes data therein according to the associated identity information, each set of data in the logical contacts document structured to correspond to a field in the content document.

36. (new) The method of claim 35 wherein manipulating at least one set of data comprises reading data from at least one field in the logical contacts document.

37. (new) The method of claim 35 wherein manipulating at least one set of data comprises writing data to at least one field in the logical contacts document.